BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE SHETTYHALLI SUB DIVISION WARD NO 12

EMB

Name of Work: Improvements to roads and Drains in KG Halli Gurunath Lay Out and Surrounding area in Ward

No	Description of Work	No	Length	B1	B2	Avg B	Depth	Quantity	Unit
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) complete as per the specification & as per direction of Engineer-in-charge of the work								
	16th Main road from KG Halli road LHS	2	30.00			0.90		54.00	
	"-"-	1	27.00			1.80		48.60	
	"-"-	2	30.00			0.90		54.00	
	16th Main road from KG Halli road RHS	1	29.50			0.90		26.55	
	"-"-	2	30.00			0.90		54.00	
	"-"-	1	26.40			1.80		47.52	
	15th Main road from KG Halli road LHS	1	26.70			0.90		24.03	
	"-"-	2	30.00			0.90		54.00	
	"-"-	1	20.50			0.90		18.45	
	"-"-	1	25.60			0.90		23.04	
	15th Main road from KG Halli road RHS	2	30.00			0.90		54.00	
	"-"-	1	28.50			0.90		25.65	
	"-"-	1	26.00			0.90		23.40	
	"-"-	1	16.50			0.90		14.85	
	14th Main road from KG Halli road LHS	2	30.00			0.90		54.00	
	"-"-	1	28.90			0.90		26.01	
	"-"-	1	26.80			0.90		24.12	
	"-"-	1	24.50			0.90		22.05	
	14th Main road from KG Halli road RHS	1	28.60			0.90		25.74	
	"-"-	1	24.90			0.90		22.41	
	"-"-	1	19.90			0.90		17.91	
	"-"-	2	30.00			0.90		54.00	
	13th Main road from KG Halli road LHS	2	30.00			0.90		54.00	
	"-"-	1	26.80			0.90		24.12	
	"-"-	1	28.50			0.90		25.65	
	"-"-	1	29.40			0.90		26.46	
	13th Main road from KG Halli road RHS	1	28.60			1.80		51.48	
	"-"-	1	24.90			0.90		22.41	
	"-"-	1	19.90			0.90		17.91	
	"-"-	2	30.00			0.90		54.00	
	12th Main road from KG Halli road RHS	2	30.00			0.90		54.00	
	1st Cross Road	2	27.20			1.80		97.92	
	1st Cross Road	2	27.00			1.80		97.20	
	1st Cross Road	2	26.50			1.80		95.40	
	3rd Cross Road LHS Ch: 0.00 to 150	3	30.00			0.75		67.50	
	"-"- Ch: 150.0 to 175.0	1	25.00			0.75		18.75	
	SLV Provision store Cross Road LHS Ch:0.00to 150.0	5	30.00			0.90		135.00	
		1	16.20			0.90		14.58	
	SLV Provision store Cross Road RHS Ch:0.00to 150.0	5	30.00			0.90		135.00	
	Adya Provision Stpre Cross road LHS Ch: 0.00 to 150	5	30.00			1.80		270.00	
	Adya Provision Stpre Cross road RHS Ch: 0.00 to 150	5	30.00			1.80		270.00	
								2299.71	**Sqm**

Executed
2/11/21

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
Ward No 12
ವಾರ್ಡ್ ನಂ 12, ಶೆಟ್ಟಿಹಳ್ಳಿ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

2.11.21

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
Shettyhalli Sub Division
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Continued.....

2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per the specification & as per direction of Engineer-in-charge of the work								
	Road								
	16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05	0.30	63.45	
	Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50	0.30	49.50	
	Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80	0.30	3.02	
	Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90	0.30	44.10	
	Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70	0.30	51.30	
	Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30	0.30	56.70	
	Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48	0.30	7.77	
	15th Main road from KG Halli road LHS Ch: 0.00 to 60.00	2	30.00	0.85	1.00	0.93	0.25	13.88	
	Ch: 60.00 to 120.00	2	30.00	1.00	0.90	0.95	0.25	14.25	
	Ch: 120.00 to 132.00	2	12.00	0.90	1.10	1.00	0.25	6.00	
	15th Main road from KG Halli road RHS ch: 0 to 60.00	2	30.00	1.10	0.80	0.95	0.25	14.25	
	Ch: 60.00 to 120.00	2	30.00	0.80	1.25	1.03	0.25	15.38	
	Ch: 120.00 to 127.00	1	7.00	0.85	1.00	0.93	0.25	1.62	
	14th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00	0.90	1.10	1.00	0.25	15.00	
	Ch: 60.00 to 120.00	2	30.00	2.50	2.15	2.33	0.25	34.88	
	Ch: 120.00 to 141.00	1	21.00	0.75	1.05	0.90	0.25	4.73	
	14th Main road from KG Halli road RHS ch: 0 to 60.00	2	30.00	0.95	1.25	1.10	0.25	16.50	
	Ch: 60.00 to 120.00	2	30.00	1.25	0.75	1.00	0.25	15.00	
	Ch: 120.00 to 180.00	2	30.00	0.95	1.25	1.10	0.25	16.50	
	Ch: 180.00 to 186.50	1	6.50	1.00	1.20	1.10	0.25	1.79	
	13th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00	0.90	1.20	1.05	0.25	15.75	
	Ch: 60.00 to 120.00	2	30.00	1.20	1.10	1.15	0.25	17.25	
	Ch: 120.00 to 150.00	1	30.00	1.10	0.65	0.88	0.25	6.56	
	13th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00	0.65	1.20	0.93	0.25	13.88	
	Ch: 60.00 to 120.00	2	30.00	0.90	1.10	1.00	0.25	15.00	
	Ch: 120.00 to 150.00	1	30.00	1.00	1.00	1.00	0.25	7.50	
	Ch: 150.00 to 174.00	1	24.00	1.00	1.00	1.00	0.25	6.00	
	1st Cross Road	2	27.20	1.00	1.20	1.10	0.25	14.96	
	1st Cross Road	2	27.00	1.00	1.10	1.05	0.25	14.18	
	1st Cross Road	2	26.50	1.00	0.90	0.95	0.25	12.59	
	3rd Cross road , Ch: 0.00 to 30.00	1	30.00	2.50	2.75	2.63	0.30	23.63	
	Ch: 30.00 to 60.00	1	30.00	2.75	3.20	2.98	0.30	26.78	
	Ch: 60.00 to 78.00	1	18.00	3.20	2.80	3.00	0.30	16.20	
	Ch: 78.00 to 108.00	1	30.00	5.00	5.30	5.15	0.30	46.35	
	Ch: 108.00 to 121.00	1	13.00	5.30	5.50	5.40	0.30	21.06	
	Ch: 121.00 to 151.00	1	30.00	5.50	6.50	6.00	0.30	54.00	
	Rajeswari Enterprises Cross road Ch: 0.00 to 24.00	1	24.00	4.00	4.30	4.15	0.30	29.88	
	Hotel resource Cross Road Ch: 0.00 to 25.50	1	25.50	4.00	4.25	4.13	0.30	31.56	
	SLV Provision Store Cross road Ch: 0.00 to30.00	1	30.00	4.90	4.10	4.50	0.30	40.50	
	Ch: 30.00 to 60.00	1	30.00	4.10	4.30	4.20	0.30	37.80	
	Ch: 60.00 to90.00	1	30.00	4.30	4.30	4.30	0.30	38.70	
	Ch: 90.00 to120.00	1	30.00	4.30	4.60	4.45	0.30	40.05	
	Ch: 120.00 to 150.00	1	30.00	4.60	4.30	4.45	0.30	40.05	
	Ch: 150.00 to 166.50	1	16.50	4.30	4.30	4.30	0.30	21.29	
	Adya Provision Store Cross road Sanitory line Ch: 0.00 to30.00	1	30.00	1.20	1.15	1.18	0.50	17.63	
	Sanitory line Ch: 30.00 to 60.00	1	30.00	1.15	1.25	1.20	0.50	18.00	
	Sanitory line Ch: 60.00 to90.00	1	30.00	1.25	0.95	1.10	0.50	16.50	
	Sanitory line Ch: 90.00 to120.00	1	30.00	0.95	1.10	1.03	0.50	15.38	
	Sanitory line Ch: 120.00 to 146.00	1	26.00	1.10	1.25	1.18	0.50	15.28	
	5th Cross Chikkasandra	2	30.00	5.80	4.00	4.90	0.30	88.20	
	"-"-	1	27.00	4.00	3.85	3.93	0.30	31.79	
	Desilting								
	16th Main road from KG Halli road LHS Ch: 0.00 to 60.00	2	30.00			0.50	0.45	13.50	
	Ch: 60.00 to 62.10	1	2.10			0.50	0.45	0.47	

	Ch:62.10 to 122.10	2	30.00			0.50	0.45	13.50		
	Ch:122.10 to 152.10	1	30.00			0.50	0.45	6.75		
	Ch:152.10 to 156.10	1	4.00			0.50	0.45	0.90		
	16th Mainroad from KG Halli road RHS Ch: 30.00 to 60.00	1	30.00			0.50	0.45	6.75		
	Ch:62.10 to 122.10	1	2.10			0.50	0.45	0.47		
	Ch:122.10 to 152.10	1	30.00			0.50	0.45	6.75		
	15th Main road from KG Halli road LHS Ch: 0.00 to 60.00	2	30.00			0.50	0.45	13.50		
	Ch: 60.00 to 120.00	1	30.00			0.50	0.45	6.75		
	Ch: 120.00 to 132.00	1	12.00			0.50	0.45	2.70		
	15th Main road from KG Halli road RHS ch: 0 to 60.00	2	30.00			0.50	0.45	13.50		
	Ch: 60.00 to 120.00	1	30.00			0.50	0.45	6.75		
	Ch: 120.00 to 127.00	1	7.00			0.50	0.45	1.58		
	14th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00			0.50	0.45	13.50		
	Ch: 60.00 to 120.00	2	30.00			0.50	0.45	13.50		
	Ch: 120.00 to 141.00	1	21.00			0.50	0.45	4.73		
	14th Main road from KG Halli road RHS ch: 0 to 60.00	2	30.00			0.50	0.45	13.50		
	Ch: 60.00 to 120.00	2	30.00			0.50	0.45	13.50		
	Ch: 120.00 to 180.00	2	30.00			0.50	0.45	13.50		
	Ch: 180.00 to 186.50	1	6.50			0.50	0.45	1.46		
	13th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00			0.50	0.45	13.50		
	Ch: 60.00 to 120.00	2	30.00			0.50	0.45	13.50		
	Ch: 120.00 to 150.00	1	30.00			0.50	0.45	6.75		
	13th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00			0.50	0.45	13.50		
	Ch: 60.00 to 120.00	2	30.00			0.50	0.45	13.50		
	Ch: 120.00 to 150.00	1	30.00			0.50	0.45	6.75		
		1	24.00			0.50	0.45	5.40		
	1st Cross Road	2	27.20			0.50	0.45	12.24		
	1st Cross Road	2	27.00			0.50	0.45	12.15		
	1st Cross Road	2	26.50			0.50	0.45	11.93		
	3rd Cross Road Ch: 0.00 to 150	3	30.00			0.60	0.50	27.00		
	"-"- Ch: 150.0 to 175.0	1	25.00			0.60	0.50	7.50		
	SLV Provision store Cross Road LHS Ch:0.00to 150.0	5	30.00			0.60	0.50	45.00		
	Ch:150.00to 166.20	1	16.20			0.60	0.50	4.86		
	SLV Provision store Cross Road RHS Ch:0.00to 150.0	5	30.00			0.60	0.50	45.00		
	Adya Provision Stpre Cross road LHS Ch: 0.00 to 150	5	30.00			0.60	0.60	54.00		
	Adya Provision Stpre Cross road RHS Ch: 0.00 to 150	5	30.00			0.60	0.60	54.00		
								1753.99	Cum	

Assistant Engineer
Ward No 12, Shettihalli

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

3	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per the specification & as per direction of Engineer-in-charge of the work									
	16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05		211.50		
	Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50		165.00		
	Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80		10.08		
	Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90		147.00		
	Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70		171.00		
	Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30		189.00		
	Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48		25.90		
	15th Main road from KG Halli road LHS Ch: 0.00 to 60.00	2	30.00	0.85	1.00	0.93		55.50		
	Ch: 60.00 to 120.00	2	30.00	1.00	0.90	0.95		57.00		
	Ch: 120.00 to 132.00	2	12.00	0.90	1.10	1.00		24.00		
	15th Main road from KG Halli road RHS ch: 0 to 60.00	2	30.00	1.10	0.80	0.95		57.00		
	Ch: 60.00 to 120.00	2	30.00	0.80	1.25	1.03		61.50		

	Ch: 120.00 to 127.00	1	7.00	0.85	1.00	0.93		6.48	
14th Main road from KG Halli road LHS	ch: 0 to 60.00	2	30.00	0.90	1.10	1.00		60.00	
	Ch: 60.00 to 120.00	2	30.00	2.50	2.15	2.33		139.50	
	Ch: 120.00 to 141.00	1	21.00	0.75	1.05	0.90		18.90	
14th Main road from KG Halli road RHS	ch: 0 to 60.00	2	30.00	0.95	1.25	1.10		66.00	
	Ch: 60.00 to 120.00	2	30.00	1.25	0.75	1.00		60.00	
	Ch: 120.00 to 180.00	2	30.00	0.95	1.25	1.10		66.00	
	Ch: 180.00 to 186.50	1	6.50	1.00	1.20	1.10		7.15	
13th Main road from KG Halli road LHS	ch: 0 to 60.00	2	30.00	0.90	1.20	1.05		63.00	
	Ch: 60.00 to 120.00	2	30.00	1.20	1.10	1.15		69.00	
	Ch: 120.00 to 150.00	1	30.00	1.10	0.65	0.88		26.25	
13th Main road from KG Halli road LHS	ch: 0 to 60.00	2	30.00	0.65	1.20	0.93		55.50	
	Ch: 60.00 to 120.00	2	30.00	0.90	1.10	1.00		60.00	
	Ch: 120.00 to 150.00	1	30.00	1.00	1.00	1.00		30.00	
	Ch: 150.00 to 174.00	1	24.00	1.00	1.00	1.00		24.00	
1st Cross Road		2	27.20	1.00	1.20	1.10		59.84	
1st Cross Road		2	27.00	1.00	1.10	1.05		56.70	
1st Cross Road		2	26.50	1.00	0.90	0.95		50.35	
3rd Cross road ,	Ch: 0.00 to 30.00	1	30.00	2.50	2.75	2.63		78.75	
	Ch: 30.00 to 60.00	1	30.00	2.75	3.20	2.98		89.25	
	Ch: 60.00 to 78.00	1	18.00	3.20	2.80	3.00		54.00	
	Ch: 78.00 to 108.00	1	30.00	5.00	5.30	5.15		154.50	
	Ch: 108.00 to 121.00	1	13.00	5.30	5.50	5.40		70.20	
	Ch: 121.00 to 151.00	1	30.00	5.50	6.50	6.00		180.00	
Rajeswari Enterprises Cross road	Ch: 0.00 to 24.00	1	24.00	4.00	4.30	4.15		99.60	
Hotel resource Cross Road	Ch: 0.00 to 25.50	1	25.50	4.00	4.25	4.13		105.19	
SLV Provision Store Cross road	Ch: 0.00 to30.00	1	30.00	4.90	4.10	4.50		135.00	
	Ch: 30.00 to 60.00	1	30.00	4.10	4.30	4.20		126.00	
	Ch: 60.00 to90.00	1	30.00	4.30	4.30	4.30		129.00	
	Ch: 90.00 to120.00	1	30.00	4.30	4.60	4.45		133.50	
	Ch: 120.00 to 150.00	1	30.00	4.60	4.30	4.45		133.50	
	Ch: 150.00 to 166.50	1	16.50	4.30	4.30	4.30		70.95	
Adya Provision Store Cross road Sanitory line to30.00	Ch: 0.00	1	30.00	1.20	1.15	1.18		35.25	
	Sanitory line Ch: 30.00 to 60.00	1	30.00	1.15	1.25	1.20		36.00	
	Sanitory line Ch: 60.00 to90.00	1	30.00	1.25	0.95	1.10		33.00	
	Sanitory line Ch: 90.00 to120.00	1	30.00	0.95	1.10	1.03		30.75	
	Sanitory line Ch: 120.00 to 146.00	1	26.00	1.10	1.25	1.18		30.55	
5th Cross Chikkasandra		2	30.00	5.80	4.00	4.90		294.00	
"-"-		1	27.00	4.00	3.85	3.93		105.98	
								4218.11	**Sqm**

Assistant Engineer
Ward No 22
BBMP, Bengaluru

Assistante Executive Engineer
Shettyhalli Sub Division
BBMP, Bengaluru

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4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. complete as per the specification & as per direction of Engineer-in-charge of the work								
	16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05	0.15	31.73	
	Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50	0.15	24.75	
	Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80	0.15	1.51	
	Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90	0.15	22.05	
	Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70	0.15	25.65	

Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30	0.15	28.35	
Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48	0.15	3.89	
Rajeswari Enterprises Cross road Ch: 0.00 to 24.00	1	24.00	4.00	4.30	4.15	0.15	14.94	
Hotel resource Cross Road Ch: 0.00 to 25.50	1	25.50	4.00	4.25	4.13	0.15	15.78	
Adya Provision Store Cross road Sanitory line Ch: 0.00 to30.00	1	30.00	1.20	1.15	1.18	0.30	10.58	
Sanitory line Ch: 30.00 to 60.00	1	30.00	1.15	1.25	1.20	0.30	10.80	
Sanitory line Ch: 60.00 to90.00	1	30.00	1.25	0.95	1.10	0.30	9.90	
Sanitory line Ch: 90.00 to120.00	1	30.00	0.95	1.10	1.03	0.30	9.23	
Sanitory line Ch: 120.00 to 146.00	1	26.00	1.10	1.25	1.18	0.30	9.17	
5th Cross Chikkasandra	2	30.00	5.80	4.00	4.90	0.15	44.10	
"-"-	1	27.00	4.00	3.85	3.93	0.15	15.90	
							278.30	Cum

TC-5548

Assistant Engineer
Ward No 12
ವಾರ್ಡ್ ನಂ. 12, ಶೆಟ್ಟಿಹಳ್ಳಿ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Assistant Executive Engineer
Shettyhalli Sub Division
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

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5 Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per the specification & as per direction of Engineer-in-charge of the work

16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05	0.15	31.73
Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50	0.15	24.75
Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80	0.15	1.51
Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90	0.15	22.05
Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70	0.15	25.65
Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30	0.15	28.35
Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48	0.15	3.89
15th Main road from KG Halli road LHS Ch: 0.00 to 60.00	2	30.00	0.85	1.00	0.93	0.15	8.33
Ch: 60.00 to 120.00	2	30.00	1.00	0.90	0.95	0.15	8.55
Ch: 120.00 to 132.00	2	12.00	0.90	1.10	1.00	0.15	3.60
15th Main road from KG Halli road RHS ch: 0 to 60.00	2	30.00	1.10	0.80	0.95	0.15	8.55
Ch: 60.00 to 120.00	2	30.00	0.80	1.25	1.03	0.15	9.23
Ch: 120.00 to 127.00	1	7.00	0.85	1.00	0.93	0.15	0.97
14th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00	0.90	1.10	1.00	0.15	9.00
Ch: 60.00 to 120.00	2	30.00	2.50	2.15	2.33	0.15	20.93
Ch: 120.00 to 141.00	1	21.00	0.75	1.05	0.90	0.15	2.84
14th Main road from KG Halli road RHS ch: 0 to 60.00	2	30.00	0.95	1.25	1.10	0.15	9.90
Ch: 60.00 to 120.00	2	30.00	1.25	0.75	1.00	0.15	9.00
Ch: 120.00 to 180.00	2	30.00	0.95	1.25	1.10	0.15	9.90
Ch: 180.00 to 186.50	1	6.50	1.00	1.20	1.10	0.15	1.07
13th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00	0.90	1.20	1.05	0.15	9.45
Ch: 60.00 to 120.00	2	30.00	1.20	1.10	1.15	0.15	10.35
Ch: 120.00 to 150.00	1	30.00	1.10	0.65	0.88	0.15	3.94
13th Main road from KG Halli road LHS ch: 0 to 60.00	2	30.00	0.65	1.20	0.93	0.15	8.33
Ch: 60.00 to 120.00	2	30.00	0.90	1.10	1.00	0.15	9.00
Ch: 120.00 to 150.00	1	30.00	1.00	1.00	1.00	0.15	4.50
Ch: 150.00 to 174.00	1	24.00	1.00	1.00	1.00	0.15	3.60
Rajeswari Enterprises Cross road Ch: 0.00 to 24.00	1	24.00	4.00	4.30	4.15	0.15	14.94
Hotel resource Cross Road Ch: 0.00 to 25.50	1	25.50	4.00	4.25	4.13	0.15	15.78
3rd Cross road , Ch: 0.00 to 30.00	1	30.00	2.50	2.75	2.63	0.10	7.88
Ch: 30.00 to 60.00	1	30.00	2.75	3.20	2.98	0.10	8.93
Ch: 60.00 to 78.00	1	18.00	3.20	2.80	3.00	0.10	5.40
Ch: 78.00 to 108.00	1	30.00	5.00	5.30	5.15	0.10	15.45

Ch: 108.00 to 121.00	1	13.00	5.30	5.50	5.40	0.10	7.02	
Ch: 121.00 to 151.00	1	30.00	5.50	6.50	6.00	0.10	18.00	
Rajeswari Enterprises Cross road Ch: 0.00 to 24.00	1	24.00	4.00	4.30	4.15	0.10	9.96	
Adya Provision Store Cross road Sanitory line Ch: 0.00 to40.00	1	30.00	1.20	1.15	1.18	0.10	3.53	
Sanitory line Ch: 30.00 to 60.00	1	30.00	1.15	1.25	1.20	0.10	3.60	
Sanitory line Ch: 60.00 to90.00	1	30.00	1.25	0.95	1.10	0.10	3.30	
Sanitory line Ch: 90.00 to120.00	1	30.00	0.95	1.10	1.03	0.10	3.08	
Sanitory line Ch: 120.00 to 146.00	1	26.00	1.10	1.25	1.18	0.10	3.06	
5th Cross Chikkasandra	2	30.00	5.80	4.00	4.90	0.15	44.10	
	1	27.00	4.00	3.85	3.93	0.15	15.90	
							468.84	Cum

Executed 1/12/21

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

11 Cement Concrete Pavements KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.55cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 800-1 ,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a hatching plant, transported to site,laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.55cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. complete as per the specification & as per direction of Engineer-in-charge of the work

3rd Cross road , Ch: 0.00 to 30.00	1	30.00	2.50	2.75	2.63	0.15	11.81	
Ch: 30.00 to 60.00	1	30.00	2.75	3.20	2.98	0.15	13.39	
Ch: 60.00 to 78.00	1	18.00	3.20	2.80	3.00	0.15	8.10	
Ch: 78.00 to 108.00	1	30.00	5.00	5.30	5.15	0.15	23.18	
Ch: 108.00 to 121.00	1	13.00	5.30	5.50	5.40	0.15	10.53	
Ch: 121.00 to 151.00	1	30.00	5.50	6.50	6.00	0.15	27.00	
Rajeswari Enterprises Cross road Ch: 0.00 to 24.00	1	24.00	4.00	4.30	4.15	0.15	14.94	
Hotel resource Cross Road Ch: 0.00 to 25.50	1	25.50	4.00	4.25	4.13	0.15	15.78	
SLV Provision Store Cross road Ch: 0.00 to30.00	1	30.00	4.90	4.10	4.50	0.15	20.25	
Ch: 30.00 to 60.00	1	30.00	4.10	4.30	4.20	0.15	18.90	
Ch: 60.00 to90.00	1	30.00	4.30	4.30	4.30	0.15	19.35	
Ch: 90.00 to120.00	1	30.00	4.30	4.60	4.45	0.15	20.03	
Ch: 120.00 to 150.00	1	30.00	4.60	4.30	4.45	0.15	20.03	
Ch: 150.00 to 166.50	1	16.50	4.30	4.30	4.30	0.15	10.64	
Adya Provision Store Cross road Sanitory line Ch: 0.00 to30.00	1	30.00	1.20	1.15	1.18	0.15	5.29	
Sanitory line Ch: 30.00 to 60.00	1	30.00	1.15	1.25	1.20	0.15	5.40	
Sanitory line Ch: 60.00 to90.00	1	30.00	1.25	0.95	1.10	0.15	4.95	
Sanitory line Ch: 90.00 to120.00	1	30.00	0.95	1.10	1.03	0.15	4.62	
Sanitory line Ch: 120.00 to 146.00	1	26.00	1.10	1.25	1.18	0.15	4.58	
5th Cross Chikkasandra Ch: 0.00 to 62.00	2	30.00	5.80	4.00	4.90	0.15	44.10	
Ch: 62.00 to 87.00	1	27.00	4.00	3.85	3.93	0.15	15.90	
							318.74	

Executed 5/12/21

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

12	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to18:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades,textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. (complete as per the specification & as per direction of Engineer-in-charge of the work								
	3rd Cross road , Ch: 0.00 to 30.00	1	30.00	5.00	4.20	4.60	0.15	20.70	
	Ch: 30.00 to 60.00	1	30.00	4.20	4.30	4.25	0.15	19.13	
	Ch: 60.00 to 78.00	1	18.00	4.30	5.00	4.65	0.15	12.56	
	Ch: 78.00 to 108.00	1	30.00	5.00	5.30	5.15	0.15	23.18	
	Ch: 108.00 to 121.00	1	13.00	5.30	5.50	5.40	0.15	10.53	
	Ch: 121.00 to 151.00	1	30.00	5.50	6.50	6.00	0.15	27.00	
	Rajeswari Enterprises Cross road Ch: 0.00 to 24.00	1	24.00	4.00	4.30	4.15	0.15	14.94	
	Hotel resource Cross Road Ch: 0.00 to 25.50	1	25.50	4.00	4.25	4.13	0.15	15.78	
	SLV Provision Store Cross road Ch: 0.00 to30.00	1	30.00	4.90	4.10	4.50	0.15	20.25	
	Ch: 30.00 to 60.00	1	30.00	4.10	4.30	4.20	0.15	18.90	
	Ch: 60.00 to90.00	1	30.00	4.30	4.30	4.30	0.15	19.35	
	Ch: 90.00 to120.00	1	30.00	4.30	4.60	4.45	0.15	20.03	
	Ch: 120.00 to 150.00	1	30.00	4.60	4.30	4.45	0.15	20.03	
	Ch: 150.00 to 166.50	1	16.50	4.30	4.30	4.30	0.15	10.64	
	Adya Provision Store Cross road Sanitory line Ch: 0.00 to30.00	1	30.00	6.90	6.20	6.55	0.15	29.48	
	Sanitory line Ch: 30.00 to 60.00	1	30.00	6.20	6.40	6.30	0.15	28.35	
	Sanitory line Ch: 60.00 to90.00	1	30.00	6.40	6.50	6.45	0.15	29.03	
	Sanitory line Ch: 90.00 to120.00	1	30.00	6.50	5.50	6.00	0.15	27.00	
	Sanitory line Ch: 120.00 to 146.00	1	25.60	5.50	4.50	5.00	0.15	19.20	
	12th Main road from KG Halli road	2	30.00	5.20	4.80	5.00	0.15	45.00	
	5th Cross Chikkasandra Ch: 0.00 to 60.00	2	30.00	5.80	4.00	4.90	0.15	44.10	
	Ch; 60.00 to 87.00	1	27.00	4.00	3.85	3.93	0.15	15.90	
								491.04	Cum

Assistant Engineer
Ward No 12
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Assistante Executive Engineer
Shettyhalli Sub Division
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Continued.....

7	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per the specification & as per direction of Engineer-in-charge of the work								
	16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05		211.50	
	Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50		165.00	
	Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80		10.08	
	Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90		147.00	
	Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70		171.00	
	Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30		189.00	
	Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48		25.90	
								919.48	Sqm

Assistant Engineer
Ward No 12
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Assistante Executive Engineer
Shettyhalli Sub Division
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Continued.....

Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II Cum (50 mm to 75 mm) with 4.5 % VG-30 Bitumen .complete as per the specification & as per direction of Engineer-in-charge of the work

16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05	0.05	10.58
Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50	0.05	8.25
Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80	0.05	0.50
Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90	0.05	7.35
Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70	0.05	8.55
Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30	0.05	9.45
Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48	0.05	1.30
							45.97 Cum

Assistant Engineer
Ward No 12
27/12/21
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Assistant Executive Engineer
Shettyhalli Sub Division
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Continued.....

Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of0.60 kg / sqm using mechanical meanscomplete as per the specification & as per direction of Engineer-in-charge of the work

16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05		211.50
Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50		165.00
Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80		10.08
Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90		147.00
Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70		171.00
Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30		189.00
Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48		25.90
15th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	6.50	5.00	5.75		172.50
Ch: 30.00 to 60.00	1	30.00	5.00	5.00	5.00		150.00
Ch: 60.00 to 72.00	1	12.00	5.00	5.00	5.00		60.00
Ch:72.00 to 102.00	1	30.00	5.00	5.25	5.13		153.75
Ch:102.00 to 132.00	1	30.00	5.25	5.50	5.38		161.25
Ch:132.00 to 162.00	1	30.00	5.50	5.00	5.25		157.50
Ch:162.00 to 179.00	1	17.00	5.00	5.20	5.10		86.70
14th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	5.20	4.80	5.00		150.00
Ch: 30.00 to 60.00	1	30.00	4.80	4.20	4.50		135.00
Ch: 60.00 to 81.00	1	21.00	4.20	4.60	4.40		92.40
Ch: 81.00 to 111.00	1	30.00	4.60	4.20	4.40		132.00
Ch:111.00 to 141.00	1	30.00	4.20	3.80	4.00		120.00
Ch:141.00 to 171.00	1	30.00	3.80	4.60	4.20		126.00
Ch:171.00 to 117.50	1	16.50	4.60	5.00	4.80		79.20
13th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	5.20	4.80	5.00		150.00
Ch: 30.00 to 60.00	1	30.00	4.80	4.30	4.55		136.50
Ch: 60.00 to 90.00	1	30.00	4.30	5.00	4.65		139.50
Ch: 90.00 to 120.00	1	30.00	5.00	4.50	4.75		142.50
Ch: 120.00 to 150.00	1	30.00	4.50	4.70	4.60		138.00
Ch: 150.00 to 180.00	1	30.00	4.70	5.20	4.95		148.50
Ch: 180.00 to 204.00	1	24.00	5.20	5.20	5.20		124.80
1st Cross Road	1	27.20	5.30	4.30	4.80		130.56
1st Cross Road	1	27.00	5.50	5.00	5.25		141.75
1st Cross Road	1	26.50	4.40	5.40	4.90		129.85
							4077.74 Sqm

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29/12/21

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

9	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) complete as per the specification & as per direction of Engineer-in-charge of the work								
	16th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	7.90	6.20	7.05	0.03	6.35	
	Ch: 30.00 to 60.00	1	30.00	6.20	4.80	5.50	0.03	4.95	
	Ch: 60.00 to 62.10	1	2.10	4.80	4.80	4.80	0.03	0.30	
	Ch:62.10 to 92.10	1	30.00	4.80	5.00	4.90	0.03	4.41	
	Ch:92.10 to 122.10	1	30.00	5.00	6.40	5.70	0.03	5.13	
	Ch:122.10 to 152.10	1	30.00	6.40	6.20	6.30	0.03	5.67	
	Ch:152.10 to 156.10	1	4.00	6.20	6.75	6.48	0.03	0.78	
	15th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	6.50	5.00	5.75	0.04	6.90	
	Ch: 30.00 to 60.00	1	30.00	5.00	5.00	5.00	0.04	6.00	
	Ch: 60.00 to 72.00	1	12.00	5.00	5.00	5.00	0.04	2.40	
	Ch:72.00 to 102.00	1	30.00	5.00	5.25	5.13	0.04	6.15	
	Ch:102.00 to 132.00	1	30.00	5.25	5.50	5.38	0.04	6.45	
	Ch:132.00 to 162.00	1	30.00	5.50	5.00	5.25	0.04	6.30	
	Ch:162.00 to 179.00	1	17.00	5.00	5.20	5.10	0.04	3.47	
	14th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	5.20	4.80	5.00	0.04	6.00	
	Ch: 30.00 to 60.00	1	30.00	4.80	4.20	4.50	0.04	5.40	
	Ch: 60.00 to 81.00	1	21.00	4.20	4.60	4.40	0.04	3.70	
	Ch: 81.00 to 111.00	1	30.00	4.60	4.20	4.40	0.04	5.28	
	Ch:111.00 to 141.00	1	30.00	4.20	3.80	4.00	0.04	4.80	
	Ch:141.00 to 171.00	1	30.00	3.80	4.60	4.20	0.04	5.04	
	Ch:171.00 to 117.50	1	16.50	4.60	5.00	4.80	0.04	3.17	
	13th Main road from KG Halli road Ch: 0.00 to 30.00	1	30.00	5.20	4.80	5.00	0.04	6.00	
	Ch: 30.00 to 60.00	1	30.00	4.80	4.30	4.55	0.04	5.46	
	Ch: 60.00 to 90.00	1	30.00	4.30	5.00	4.65	0.04	5.58	
	Ch: 90.00 to 120.00	1	30.00	5.00	4.50	4.75	0.04	5.70	
	Ch: 120.00 to 150.00	1	30.00	4.50	4.70	4.60	0.04	5.52	
	Ch: 150.00 to 180.00	1	30.00	4.70	5.20	4.95	0.04	5.94	
	Ch: 180.00 to 204.00	1	24.00	5.20	5.20	5.20	0.04	4.99	
		1	27.20	5.30	4.30	4.80	0.04	5.22	
	1st Cross Road	1	27.00	5.50	5.00	5.25	0.04	5.67	
	1st Cross Road	1	26.50	4.40	5.40	4.90	0.04	5.19	
	1st Cross Road							153.91	Cum

29/12/21

Assistant Engineer
Ward No 12
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ 12 ಶೆಟ್ಟಿಹಳ್ಳಿ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

29.12.21

Assistante Executive Engineer
Shettyhalli Sub Division
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Continued.....

10	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplasticcompound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per the specification & as per direction of Engineer-in-charge of the work	

16th Main road from KG Halli road Ch: 0.00 to 30.00	2.5	30.00			0.15		11.25	
Ch: 30.00 to 60.00	2.5	30.00			0.15		11.25	
Ch: 60.00 to 62.10	2.5	2.10			0.15		0.79	
Ch:62.10 to 92.10	2.5	30.00			0.15		11.25	
Ch:92.10 to 122.10	2.5	30.00			0.15		11.25	
Ch:122.10 to 152.10	2.5	30.00			0.15		11.25	
Ch:152.10 to 156.10	2.5	4.00			0.15		1.50	
15th Main road from KG Halli road Ch: 0.00 to 30.00	2.5	30.00			0.15		11.25	
Ch: 30.00 to 60.00	2.5	30.00			0.15		11.25	
Ch: 60.00 to 72.00	2.5	12.00			0.15		4.50	
Ch:72.00 to 102.00	2.5	30.00			0.15		11.25	
Ch:102.00 to 132.00	2.5	30.00			0.15		11.25	
Ch:132.00 to 162.00	2.5	30.00			0.15		11.25	
Ch:162.00 to 179.00	2.5	17.00			0.15		6.38	
14th Main road from KG Halli road Ch: 0.00 to 30.00	2.5	30.00			0.15		11.25	
Ch: 30.00 to 60.00	2.5	30.00			0.15		11.25	
Ch: 60.00 to 81.00	2.5	21.00			0.15		7.88	
Ch: 81.00 to 111.00	2.5	30.00			0.15		11.25	
Ch:111.00 to 141.00	2.5	30.00			0.15		11.25	
Ch:141.00 to 171.00	2.5	30.00			0.15		11.25	
Ch:171.00 to 117.50	2.5	16.50			0.15		6.19	
13th Main road from KG Halli road Ch: 0.00 to 30.00	2.5	30.00			0.15		11.25	
Ch: 30.00 to 60.00	2.5	30.00			0.15		11.25	
Ch: 60.00 to 90.00	2.5	30.00			0.15		11.25	
Ch: 90.00 to 120.00	2.5	30.00			0.15		11.25	
Ch: 120.00 to 150.00	2.5	30.00			0.15		11.25	
Ch: 150.00 to 180.00	2.5	30.00			0.15		11.25	
Ch: 180.00 to 204.00	2.5	24.00			0.15		9.00	
	2.5	27.20			0.15		10.20	
1st Cross Road	2.5	27.00			0.15		10.13	
1st Cross Road	2.5	26.50			0.15		9.94	
1st Cross Road							302.74	Cum

Assistant Engineer
Ward No 12
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Assistante Executive Engineer
Shettyhalli Sub Division
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Continued.....

RIL 1	Providing and fixing precast reinforced cement concrete covering slabs of 10cm thick made out of M25 with OPC cement @340kgs per cum , 20mm and down size graded granite metal corse aggregtes @ 0.70cm and fine aggregates @ 0.74 cum with super plasticizers, machine mixed , inclding providing and removing centering, shuttering strutting propping etc., for edges of slab with TMT steel (Fe500) cost & reinforcement charges inclding finishing as required with cost of reinforcement etc., complete as directed by engineer incharge of the work	315	0.60	0.90				170.10	
								170.10	Sqm

Assistant Engineer
Ward No 12
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Assistante Executive Engineer
Shettyhalli Sub Division
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು